PSILOPILUM MEXICANUM SP. NOV.

G. L. Smith[1]

Psilopilum mexicanum sp. nov.: Caules gregarii, simplices, primo flavo-virentes, senescentes atrovirides, deinde coffeati, 1.5-2cm longi, inferne aphylli, superne copiose foliosi. Folia in sicco parte basali vaginanti, parte superna tubulosa, squarrosa, inde introcurva, ansam poculi simulanti; madefacta imbricata, erecto-patentia, oblongo-ovata, tenuiter falcata, membranacea, (3)-4-(5)mm longa, canaliculata, marginibus arrectis integerrimis, apiculo brevi paene cucullato; dorsum folii apicem versus lamellis paucis humilissimis brevibus instructum; cellulae laminae prope basin rectangularis; cellulae partis supernae folii quadratae vel hexagonae, saepe transverse elongatae; cellulae marginis folii ab aliis haud differentes; cellulae dorsi nervi inferne lineares, supernae breviores et aliquantum conturbatae; lamellae adaxiales numerosae, tertiam latitudinis folii obtentae, marginibus undulatis laciniatis, desuper pro striis brevibus temere dispositis visae. Dioica. Folia perigonii latissime ovata, imbricata, involucrum cyathiforme formantia.

Omnes ceterae desunt.

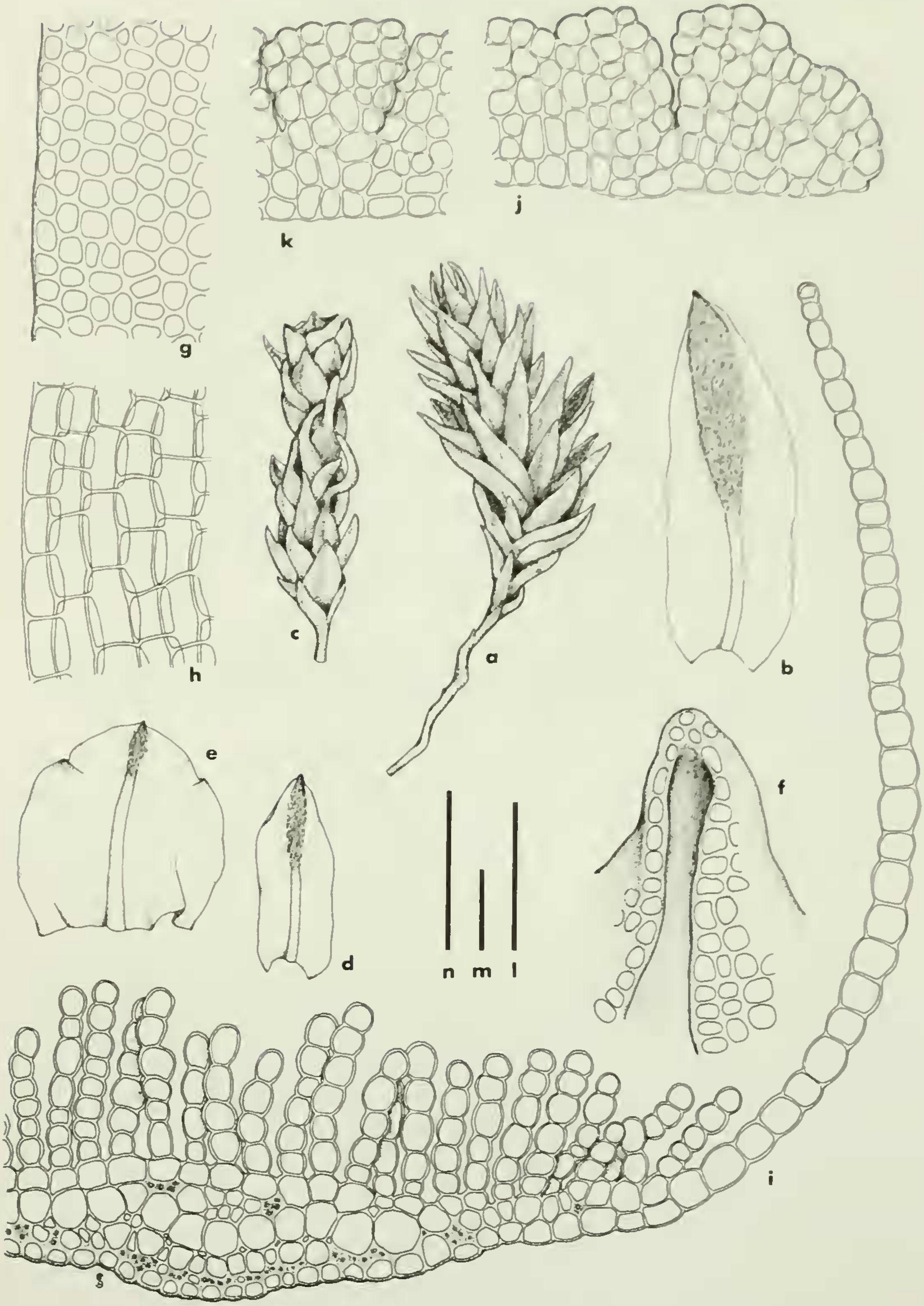
HAB. Mexico in ditione Tlaxcala in prato alpino montis La Malinche, in solo humido (Claudio Delgadillo 2583, 11 Sept 1968) NY! (HOLOTYPUS) MEXU, MICH, TENN; (Delgadillo 2585, 11 Sept 1968) TENN!, MEXU.

Muscus aspectu Psilopili trichodontis (Hook.f. & Wils.) Mitt. apiculis foliorum brevibus canaliculatis paene cucullatis bene distinctus.

* * * *

Psilopilum mexicanum G.L. Smith - a, tota planta foeminea sterilis; b, folium vegetativum plantae foemineae; c, tota planta mascula florens; d, folium vegetativum plantae masculae; e, folium perigonii; f, apiculum folii; g, cellulae margine partis supernae folii; h, cellulae marginis prope basin folii; i, sectio transversa folii; j,k, partes lamellae a latere visae; l, mensura a,c = 5mm; m, mensura b,d,e = 1mm; n, mensura f-k = 0.1 mm. Omnes figurae ex holotypo.

[1]New York Botanical Garden, Bronx, New York 10458.


k
j
g
c
a
b
h
e
f
d
n
m
l
i
s